

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 7083 (1973): Trolley, Medicine [MHD 12: Hospital Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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## Indian Standard

## SPECIFICATION FOR TROLLEY, MEDICINE

**1. Scope** — Dimensions and other requirements for medicine trolley.

**2. Shape and Dimensions** — As shown in Fig. 1.

**3. Material**

**3.1 Framework** — As given in 2.1 of IS : 4033-1968 'General requirements for hospital furniture'.

**3.2 Shelves** — Any one of the materials specified in 2.2 (a) to 2.2 (c) of IS : 4033-1968.

**3.3 Railings** — Mild steel strips conforming to IS : 4030-1973 'Specification for cold rolled carbon steel strip for general engineering purposes (first revision)' or IS : 1029-1970 'Specification for hot rolled steel strips (baling) (first revision)'.

**3.4 Domed Caps** — Mild steel, aluminium or PVC.

**3.5 Bowls** — Stainless steel conforming to Designation 04Cr18Ni10 or 07Cr18Ni9 of IS : 6911-1972 'Specification for stainless steel plate, sheet and strip'. The wash bowls shall conform to IS : 3994-1967 'Specification for bowls, wash'.

**4. Manufacture and Workmanship**

**4.1** The trolley shall have a welded framework of continuous lengths of mild steel tube as shown in Fig. 1.

**4.2** The shelves and the railings shall be welded to the upright members.

**4.3** The overall construction shall be sound and sturdy.

**4.4** The upper ends of the upright members shall be fitted with domed caps.

**4.5** The trolley shall be fitted with castors conforming to Designation HN 50 × 20 × 6 PG of IS : 4034-1968 'Specification for castors for hospital equipment'.

**4.5.1** The wheels of the castors shall have anti-static rubber tread or alternatively the construction of the trolley shall be such as to ensure transmission of static charge to the earth.

**4.6** The trolley shall be free from cracks, sharp edges and burrs.

**4.7** The trolley shall be provided with two stainless steel bowls which shall rest on rings hinged to the upright members as shown in Fig. 1.

**4.8** The trolley shall also conform to the requirements laid down in 4 of IS : 4033-1968.

**5. Finish** The trolley shall be finished in accordance with 5 of IS : 4033-1968. In painting the enamels for the undercoating and finishing coat shall conform to IS : 2932-1964 'Specification for enamel, synthetic, exterior, Type 1, (a) undercoating, (b) finishing, colour as required'.

**6. Tests**

**6.1 Adhesion Test** — As prescribed in 6.1.1 of IS : 4033-1968.

**6.2 Performance Test** — As prescribed in 6.1.2 of IS : 4033-1968. However, only the performance without any load on the trolley shall be determined.

**7. Marking** — As given in 7.1 of IS : 4033-1968.

**7.1 Certification Marking** — Details available with the Bureau of Indian Standards.

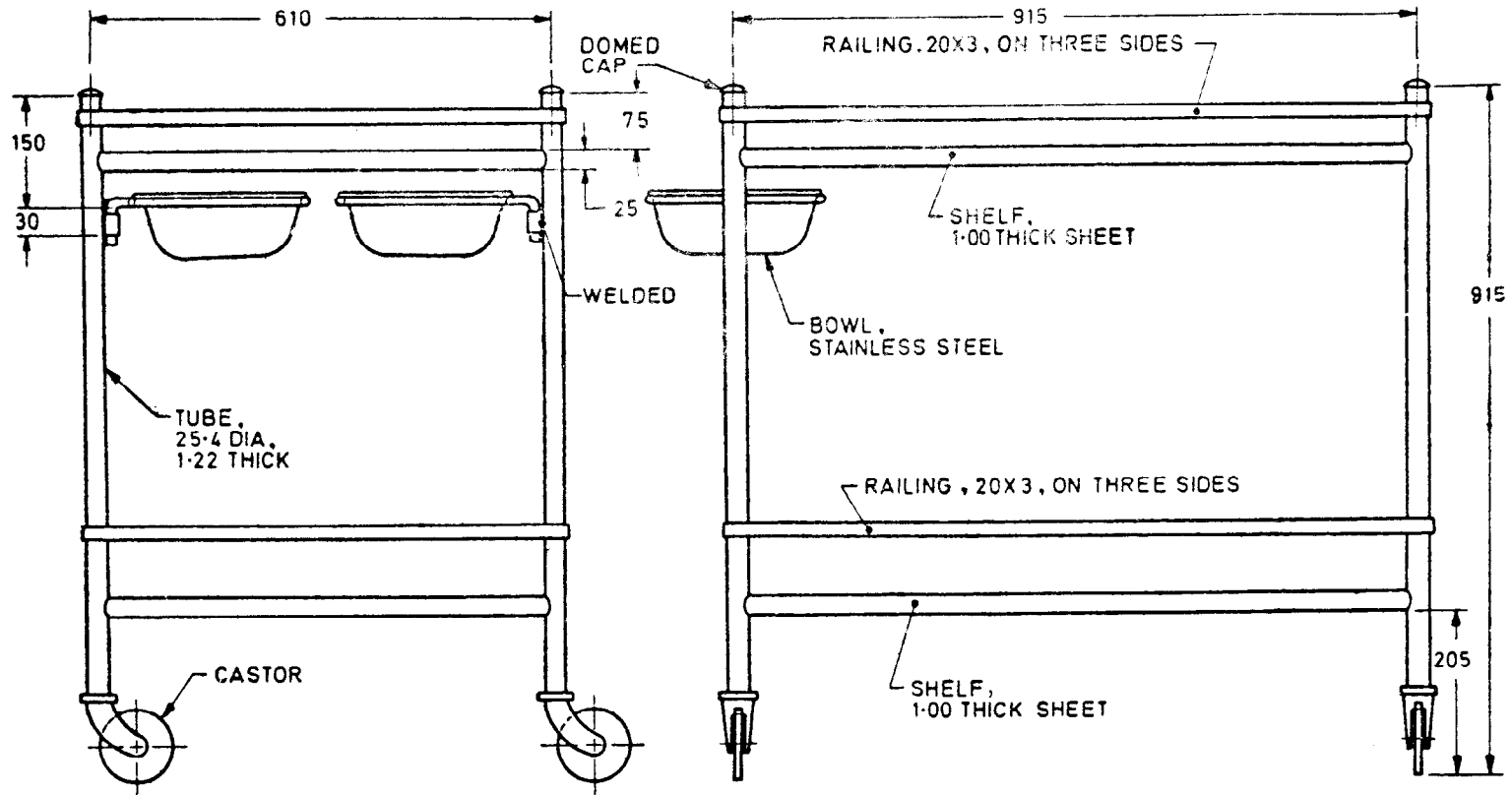
**8. Packing** — As agreed to between the purchaser and the manufacturer.

\*Since revised.

Adopted 15 November 1973

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Gr 1



All dimensions in millimetres.

FIG. 1 TROLLEY, MEDICINE

**AMENDMENT NO. 2 JANUARY 1996  
TO  
IS 7083 : 1973 SPECIFICATION FOR TROLLEY,  
MEDICINE**

*( Page 1, clause 3.3 )* — Add the following matter at the end of the clause:

“or mild steel tube of 15 mm diameter conforming to IS 1239 (Part 1) : 1990  
‘Mild steel tubes, tubulars and other wrought steel fittings: Part 1 Mild steel  
tubes (*fifth revision*)’.”

( MHD 14 )

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